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EX deep sea trawlerman 26 sacks position about small vessel ongaged lishing or otherwise. Third hands certificate, B.O.T. reder certificate, restricted R/T certificate and professional divers certificate, compressed air, preferably South coast. Telephons Madway 722788.

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some 500 tons of trozal
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whole in plactic hegs and

Hawke's maiden

from Fleetwood

THE LATEST addition to continues in command of the Flectwood's middle-London Town, while Skipper water flect is making her Jack Pickess new commands

Irawlers London Town and Royalist.
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2

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# Bulgarian trawler BOSTON TO loses £102,040

A 290 ft. Bulgarlen factory trawler caught inside Irish fishing limits this week has hed her gear and catch worth £102,040 confiscated by Cork District Court.

The 2,468-gross ton Aurelia was spotted off the East Cork coset on Monday and Can-

was spotted off the East Cork cosst on Monday and Captain Jorgan Kostsn of Valkanov, Bulgaria, was fined tha maximum undar Irish law \$100

Invargordon Boat Yard

Seven Stones Reef, the The court ordered that the ladge between Lands End five boats at the portandate and the skipper was ordered to sign a bond to the value of £102,040 before losses and the state of the stat

valua of £102,040 before sllowing an sppasl.

Aurelia had been sighted on to 1½ milas inside Irish limits by the protect ship Grainne. There was a threat to fire on the trawlar as she trisd to move cutside that limit.

The ship had aboard mackersl, spret and herring, some of which had been processed into fish meal. The

# **PULL OUT** BOSTON Daep Set

នគរប៉ូត្រែស្រីវិធីត

Fisheries le polling out d' North Shialds et

port's radevelopment schem, which shot up from the towar £8m. before being the ad, proeperts there do po

Boston owns or many

# Russian 'giant' lands FIRST OF PATROL BOA

THE LARGEST Russian fish-carrying ship ever seen at Grimsby arrived at the Humber port last week.

She was the dieselalectric vassel Privolzhsk which docked in a complete of Navy helicopter is on fiehery protection duty sround lating shelf and the ship same some 500 tons of frozan last moment was divarted on the seen at Grimsby at the storaga at Grimsby at the storaga at Grimsby and stor Navy has been completed by the Aberdeen yerd of Hell, Russell & Co. Ltd. These carft, designed for both fishery petrol duties and oil-rig protection, are 170 ft. long with a beauty of the same yerd and they are if it has britten coest. The first that Britten coest. The first



She is the 108ft. Admiral
Hawke, purchased from
Aberdeen hy the Hewatt
Fishing Co. to join ite other
two small middle-water

Make is one of Fisetwood's meat axparienced middle water skippare, Jack Kirby, who sailed for the Boston company for several years bafore taking command of dredgers.

Skipper Jack Kolly MBE,

NEWINGTON'S wat fish trawler Somerset Moughom (Skippsr Eddla Wooldridge) hus grossed £52,501 for 1,788 kits caught on a 21-day lessandle trip. She made £59,209 for 2,548 kits on her last trip, to the ares. Published by Arthur J. Heighway Publications Lid., 110 Flept Birest, London, EC4. Printed by Oerby Trader Nawspaper Ltd., Heanty Gata Industrial Estate. MUIAninallat)

RAINHAM TRADING ESTATE DOVERS CORNER, NEW ROAD, RAINHAM, ESSEX Tel: Reinham 53355

October 8, 1976

# Six-figures in sight

Newington's stern trawler Hommond Innes left Skippor Bill Brettell only ubout £515 shart of the national record. "I did not expect to break the record, but I feel someone will top the \$100,000 mark before long. It can only be a malter of time and I think it could be done before Christmas", Skipper Brettell told Fishing News. Hammond Innes had been out for 23-days on her trip. After fishing in the Bear Island and Splizborgen areas, she brought back 2,707 kits, mainly codstuffs, to average £29.07 per kit. It was only last month, trip. Also fishing in the Beor

after o 21 year grin on the Island aron were about 20 mond, that Skippor Brettell Spanish pair trawlers. Germally had it wrested away from him when the Grimshy hased side-winder Ross Hammond Innes has now

R-renge (Skipper Johnny heen dry docked at Jorrow for Meadows) made £75.597 from a short while. On the day her Ireland. Skipper Brettell's cotch was marketed (Thursprevious best of 173,188 was day) the only other vessel lan-

Mice to be cherged with illegal fiehing, illegal entry and obstructing the Irieh Navy. His commend, the 2,800-ton factory ship Balomarye was 'epotted inside the limit' of the limit of the

lows the ekipper continued to realet arrest. See page three.

Persons nest of 173,148 was day) the only other vessel landing was the North Sea ding was the North Sea ding was the North Sea ding was the North Sea seiner, Rosenborg, which made 15,645 for 183 kits.

Describing conditions during his lotest trip, Skipper ton Pearl (Skipper B. Turner)

Rettell said that at the outset the weather had been very to 151 and for 1860 kits.

Appleador to lines by Grey 1860 kits. the weather had been very ing £51,394 for 1,860 kils, Appledore to line by Gery Mitchell of Mevaglesay, and held up the vessel for a Icelandic coast. The vassel Cornwell, is one of the first discharge for the line by Gery Mitchell of Mevaglesay. day but, for the reat of the averaged £31.58 per 10 st. kit wooden vaesals of this elze to be complained to the new Dot to be heading for the contribution to the cont

SKIDDER: WOU're

div but, for the reat of the averaged £31.58 per 10 st. kit to be complaised to the new Dot to be he adding for the West Country soon to work mackerel out of Plymouth.

The ship's higgest single to the strangement in the Ergent crebber in the Ergent crebber in the Browse fleet. A full report and pictures will appear in Flething News and the surprise move was disclosed to Fishing News last wask by Fred Harrison, managing director to Grimsby owners and agents A. E. Richardson & Co. Ltd.,

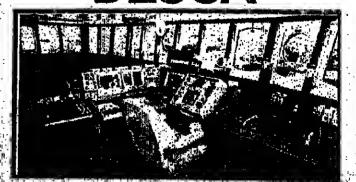
The deal has been discussion to be he adding for the work mackerel out of Plymouth.

The surprise move was disclosed to Fishing News last wask by Fred Harrison, managing director to Grimsby owners and agents A. E. Richardson & Co. Ltd.,

The deal has been discussion to the surprise said he is impressed with the arrangements and had discussed the project in depth with a marketing concern and with a marketing concern and the simple of the arrangements and had discussed the project in depth with a marketing concern and the surprise move was disclosed to Fishing News last wask by Fred Harrison, managing director to Grimsby owners and agents A. E. Richardson & Co. Ltd.,

The deal has been discussion to the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surprise move was disclosed to Fishing News last the surp

# GUDMUNDUR JONSSON ... all the way with



Gudmundur Jonsson-new Regehlp of the icelandia fishing fleet and the most sophisti-cated fishing vessel ever built in that country is the first of a tough new breed of multi-purpose fishing vessels.

To complement the fishing potential of this advanced vessel her bridge electronic equipment all supplied by Decca incor-

porates the lating I nav patibhaland fishthiding techniques. Htt Decca fit includes the Mk21 Decca Navigator receiver. DL91, Decca Loren C receiver with interswitch to a 3507 Automatic Track Plotter Decca 450G Autopitot and electric stearing control Sirius Gyro Compass, a 3cm Decca racter filmored and a 10cm FiMSI230. The vessel is also fitted with a range of Simrad High Inding equipment.

The Docca Navigator Company Limited

area frightened, not only for their fish, but also

the 600-700 big Russian trawiers in the high | TOP QUALITY cod seas fleet look like going out of business.

For all the 'super-trawler' labels attached to Grimsby last week

them, the truth is that these are inefficient ships when about 550 kits operating with crude equipment and crews were landed for aucwhich pose a danger to other seamen.

Collectively, this massive foreign fishing effort takes a frightning amount of fish. Individually they cannot compete. Monster 3,000-lone North Sea trawler ton trawiers on the south-west mackerel grounds and two seiners — one are known to spend sometimes a week catching with only two kitsi 30 tons of fish. A small Scottish purse seiner takes this in a night.

When boarded it is often found that these vessels carry no detailed charts of the area and between £45 and £48 per kit

vesseis carry no detailed charts of the area and the electronic equipment is so crude, most British skippers wouldn't uso it for standby

gear.

Recrultment of Russian fishermen also leaves a lot to be desired. It seems they take any old 'Ivanovich' straight off the steppes and put him in a fishing boat.

This situation will not alter while British courts fine Russian skippers as much for letting a cat ashore as they do for illegal and sometimes dengerous fishing.

Shortly the Russians will be looking to the EEC for a deni on reciprocal rights. Judging by tho way they have been fishing, tho Rusalans have not furthered their case for sympathetic treatment.

Skipper Herry Themsen by) pushed the H. L. Teylor Ltd. compeny grossings maning snating by pushed the H. L. Teylor Ltd. compeny grossings recurd up to £23,398 with e along of only 691 kits efter a 15-day Farcee/Weeterly trip. This included nearly 300 kits of dogs in a 399-kit landing to gross of cod and almost 100 of squid, and sold well eround the £55 mark per kit, while EEC for a deni on reciprocal rights. Judging by tho way they have been fishing, tho Rusalans have not furthered their case for sympathetic treatment.

CONGRATULATIONS are due this week to the Irish Sea Flaheries Board (BIM). For its efforts in developing fishing in Ivalend the showah have a developing fishing in Ivalend the showah have a developing fishing in Ivalend the showah have a long that the state of the week and the showah have a long that the same transfers of the week and the seator of the week and the showah have a long that the same transfers and the seator of the same ports and the state of the week and the same ports and the seator of the week and the same provided the H. L. Teylor Ltd. compeny grossings more end there were reported last and isolded the H. L. Teylor Ltd. compeny grossings more end that L. Teylor Ltd. compeny grossings more end there were reported last and isolated the strip that the lead and seator of the week, landing of only 691 kits efter a 15-day Farcee/Weeterly trip. This included nearly 300 kits of count and sould well eround the £55 mark per kit, while the port went through the seator was

CONGRATULATIONS are due this week to the Irish Sea Flaheries Board (BIM). For its efforts in developing fishing in Ireland, the board has lifted one of the top European management awards for the benefits it has brought to the with £39,023 from a 22-day lcelendic trip.

awards for the benefits it has brought to the country as a whole.

Over the years thore have been criticisms of the way the board pampers the fishing Industry in Irelend with generous financial aid. Much of this has atemmed from envy. What it does show us is thet money pumped into fishing to develop a viable industry is a good investment for the community at large.

With £39,023 from a 22-day Icelendic trip.

Despite fishing both easterly and westerly grounds, trawlers working off Icelend raported elack fishing all round. Consolidated Dogny last month.

Fisheries' Aldershot (Skipper Ally Cell) could only muster 1,170 kits (velue £32,820), while Boston's Prince Philip (Skipper Eddie Grant) hed to

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# Merchants pay East European fleets operate off the coasts of Britain and Ireland. Last week saw two more incidents in the south-west which have made fishermen in the south-west which have made fishermen in the south of the coast of the coasts of the coasts of the coast week saw two more incidents in the south-west which have made fishermen in the coast with the coast of the coast There is more than a hint of desperation about the way the Russians, especially, aro working. As the prospects of 200-mile limit and quota restrictions close around them, many of the 600-700 big Russian trawiers in the hint

tion on the Wednesday

but, inevitably, some marchante peid above everege end there were re- Skipper Henry Themsen

(Skipper Eddie Grant) hed to settle on 843 kits (£25,147)
after 17-day trip to make up
the compliment of Icelandic

Pick of the two White Seas Sheriffmuir Pick of the two White Seas tripe was from Consolidated's Crystol Poloce (Skipper Jimmy Hodeon) with 230,575 from 1,098 kits, eplit evenly between codetuffe and heddocks, but again the markets ratied heevily on the middle waters to eugment supplies which in the paet have come from the distant waters et thie time of year.

Osoko (Skipper Peter New
SALVAGE men wera trying to refloat the former Lowestoft trawler Sheriffmuir this week. The vessel, now on oil-rig etendby eervice, went aground on e beech in denee fog three milea north of Aberdeen herbour. The eix-man crew weited for the tide to ebb before coming aspell of very low landings and extremely high auction

Aubact Sigluvik and Arosoell Sigurdaus and Sigurdaus and Arosoell Sigurdaus and Arosoell Sigurdaus and Arosoell Sigurdaus and Arosoell Sigurdaus and Arosoel

for 25 years end for much of that time had been beeed in

pramisas of the Scottish town.
Bont Owners' Mutual In-

the Lowestoft wet-lieher Boston Sea King which grossed £10,700 from a mixed bag of 480 kite, mostly cod, haddocks and blecke. As with the distant water cetchee, most were inclined to be rather elack averaging about 500-600 kits.

With cod prices eky high, it came as no real surprise when the "Bojen boate" set up e new port pair team record with a combined telly of neer- have ceueed injury at

Most of the seiners are finding the going rather sticky with the cod fishing shading badly, however they ere getting into the dogs more and



grossed £62,572 from 2,044 prices, kite mostly of codstuffs, on There

Wedneeday.

Also acheduled ware

Horenn, with about 2,350 kits
on Thursday and today (Friday, October 8) a further
1,000 kite were due from
Thorir.

So far, arrangements heve already been made to lend
Sigluvik and Arosoell Sigurdusson II next week direct

a fair slice of libe in grossings will stay town, es the Icelande!

town, es the Icelande!

alweye been big spect.

A leeding fish mental talking about the armal weekend, told Fishing in the commicelly speaker.

"Economicelly speaker a very good thing forth!"

REAL Flating Co., has been Flating Co., has been Flating Co., has been proposed of recent annual gen

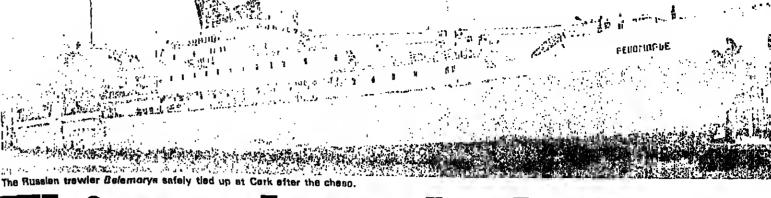
# fishing news

Also present at the opening ware the association chairmen, Mr. J. F. Imrey, and its secretary and manager, Mr. B. G. Whaatley.

Editor: Harry Barrett
Assistant Editor: The Scottish Boat Owners' Ien Strutt Scottish Correspondent:

Advertisement Director: In addition, the association W. A. Cathles
is represented by surveyor

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# Thirty shots halt Soviet

fishermen that many trawlers in a huge
Eastern Bioc fleet
fishing off the Irish
south and enet coasts
are possibling inside the

October & D

starts

diver row

AN INCIDENT in a group of Plymode divers and a Date to boat has ceused to be tween Devos Fisherles Committee

Fisheries Commilies 1 the British Sub-Ac

and queetioned them

particularly if the dive

fieheries officer and

THE ex-Boston ver-

199-ton Boston Island-Lowestoft since hat

beam geer, similar used by other vessel

October 8, 1976

his gear and cetch worth 102,040 was confisceted. The Irish Department of briculture was this week up Irish Army troops from 11 bing the fishing gear off the Dunmore East and then go to Bingarien trawler. Aurclio. She didn't pey up her contiscation money of 2102,040. It will teke three deys to remove the fish and gear. Previous promises by Complete the Irish to Government stood firm It in-

ships released have not heen fully kept. In two recent the cass, the trawler hed been cases, only a portion of the money sought has been paid, so this time the Irish authorities were being careful this time.

The Russian claimed his

The list errest, as reported Diblin and religed to bring in Fishing News lest week, his ahip to Cork after the was of the 290 ft. factory arrest at 5 µm on Weilnesday trawler Aurelia from Bulgaria last week. For Frainne, it was — she was caught nearly 14 her second "eatch" within 48 hours. She was the ship which the skipper of the 2,468-ton vessel, Jordan Koston, was fined \$100 — the maximum under light law — but Releases — Katelinek —

imum under Irish law - but Belomorye - Kotelinek gear and cetch worth rushed to the scene and the

munist bloc vessels to pey Government stood firm. It in-confiscation money to have formed the Russians thet ships released have not heen irrespective of the outcome of

authorities were being careful this time.

While Aurelia was tied up at the Cork quayeide, the lish Nevel vessel Grainne, a former British minesweeper found the 2,500-ton Russian trawler Belomorye a mile inside the 12-mile limit, eccording to the Irish Navy.

The Russian teimed his engines were out of action, but Irish Naval engineers ent eboard inspected them and said they were not. Then the Irish told the Russians they would send troops aboard to reinforce the armed Irish seilors, take forcible command of the ship end sail her to Cork, or else tow her thare.

At 8 pm on Thursdey last

and fired on with 30 rounds from the mineeweeper'e 40mm gun. Some of the chots are reported to have gone just over the bows of the trewlar, which helted 15 miles off cork at 1 am on Fridey mor-

## **Mackerel bid** capebilities to exploit whet I

It is understood this venlure involves grading and
boxing fish at see and that
vessels will be working
grounds enebling them to
land cetches daily. Unwould be sold for fish meel.
The scheme hae taken current fish meal price at the port etanding in excess of the suderstood to be taken ing an interest would per ton, most of the tessels understood to be taken otherwise go winter eprattiog.

The scheme hae taken current fish meal price at the port etanding in excess of the tessels understood to be taken otherwise go winter eprattiog.

There is also an alament of a tima if thely discharge is pottern.

least one more trip from unknown type of lishing. Grimsby before going south." Meckerel are notoriously fast
it is understood this venfish and most Grimsby
ture involved the state of the state of

The fluet was filling up as it fisherman radioed from a beat in harhour that a chaque hand-ad out by a mackerel buying

merkat had callapsed. They left for port 'te sert it out'.

on the quayside in Cork as mackerel and harring in her the Russian ship docked, holds.

described the scene:

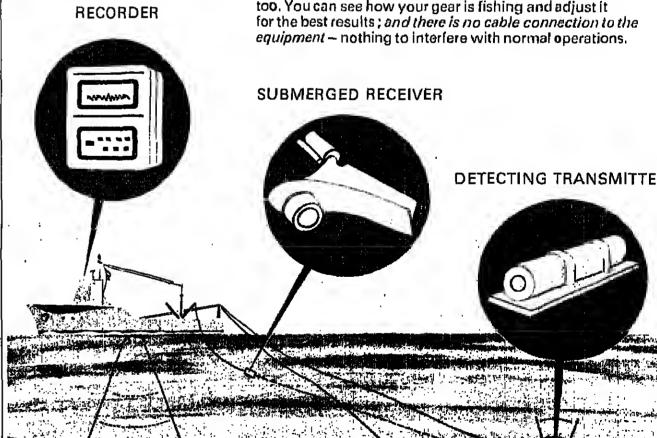
"The Russian trawler was massive. She therefore the ed just a few hundred yards for cewbeys like income."

The Russian trawler was massive. She therefore the ed just a few hundred yards for cewbeys like imm.

# are poaching inside the lrish 12-mile iimit were proved with staggering euddaness last week. Two glant trewlers were arrested by the lrish Nevy and one creeted a major intentional incident which led to a flurry of diplomatic sclivity by the Russians. The first errest, as reported in Fishing News lest week, was at the 200 Section 1 and refused to 5 and 5 fer cewbeys like then anasive. She itwarfed the warehouses as she docked at Custon House Quey, where are stoyed shoard. Tremore, Co. Weterford. A Nevel boarding party formally arrested the Russian vossel, skippered by 34-year-old Nikolai Shinkaruk from MurSweeney, who was a she docked at Custon House Quey, where lish police were waiting. "To imagine them as only part of massive fleet outside the 12 inlic limit, and to compare the warehouses as she docked at Custon House Quey, where lish police were waiting. "She is crewed by 111 the 12 inlic limit, and to compare the same of the warehouses as she docked at Custon House Quey, where lish police were waiting. "She is crewed by 111 the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the 12 inlic limit, and to compare the 12 inlic limit, and to compare the same of the 12 inlic limit, and to compare the 12 inlic limit, and

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Mutual Iceurance Association was founded at Buckis in 1919. Today it protects some 400 fishing vessels and has aurveyors based at Buckis, Aberdeen, Frasarburgh, Lossiamouth and Patarhead Managing Direct to addition the sessistion W. A. Cathles

THE NEW Potarbead cremped premises in the agencies in a number of other Shields. The board of directore includes 25 skipper-ownere.

More detalle in our Peterhead monthly reports. surance Aeeoclation was opaned on Seturday.

George May, the decided to build the new of More details in our Because business had exa ssociation's marina surveyor lines which ere in en ideal position at Seagete, adjecent to the harbour and the hod been with the association

Peterhead monthly reports. elected vice-pre

FLEETWOOD'S few docks, to make £39,453. This remaining vessels keeps her in line for the port's (Skipper Bert Andrews), working Iceland had Luneda a smaller version bits including more than 400 working Iceland had average grossings of more than £30,000 last week. First in was the in the money. She returned which had been a talking in the money. She returned point at the port.

colay, to make £30,637 -- one of the vessel's biggast grossings elnce arriving at the **Rockall** port in the early 1960s.

But it was again the port's large stern trawlere which claimed the top positions at port during the week. Fylden (Skipper A. iceland with 1,582 kits, in-cluding more than 800 of cod, 20 of plaice and 500 of had-

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It was, however, given t the chosen few - dus to the licance and days on tha ground system — to work Iceland, The remainder had Barkworth) returned from to attempt to make nut on the

ground system — the work leeland. The remainder had to attempt to make nut on the home waters grounda.

The side trawler Ella Goorge Muttlitt died on Septembor 30 nged 76 nt Buckley) had to work middle-water. She fished Rockall and returned with 691 kita — more than 550 of melnly small haddocks — the water of the second of the second content of the side trawler of the side trawler of the side trawler of the second content of the second melnly small haddocks which sold for £9,995.

good groseings from the friends. "Rock", notably that of the He fit

Rock", notably that of the Rock is and throughout his life kept his first week's wages — saven sixpences—untouched.

THE MAIDEN trip of Bridlington's 54ft, trawler Karionda was cut to 14 days this week bacauca of gelee. Colin Newhy owne the Buring fishing that which is managed by Thos. Hamling Her 320 stones of fish, landed at Bridlington, earned £1,020 at He leaves a widow, three at Hill.

He first went to sea at 13, under sail, and throughout his fisher week's wages — saven sixpences—untouched.

He explained that bare, demp warehouse units with rudlmentary provision of electricity were all the fisher men had for their money. There were limited duetbin focilities and no talets.

Whost of hie years at sea without coming to the explained that bare, demp warehouse units with mumber to 24.

He explained that bare, demp warehouse units with mumber to 24.

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He explained that bare, demp warehouse units with are provision of fillington Harbour committee of still introduced in 1969 was eet at 16.

Mr. Myere told Mr. Gra mother to 4.

We don't the explained that bare, demp warehouse units with mumber of the market without coming to the explained that bare, demp warehouse units with mumber of the provision of still introduced in 1969 was eet at 16 introduced in 1969 was eet at 16 introduce

ed regularly by Fleetwood vessale for a number of years
— is still a viable proposition, although the cetches are mostly of small haddock.

mittes, le osering completion The builder, Edward Bunks of Patarhaad fisharman James Coult, whose family were long sesocisted with the vessel.

## side trawler Robert with 1,272 kits, including McCloughin) with 1,272 kits, including more than 1,200 of cod, which add for cod during the weak when prices rose to 300 of haddocks and 200 of cod, 30 of plaice, over more than £40 a kit. Top ship from the aree was Wyre Vonguord which landed 652 kits, including more than \$652 kits, including more than \$650 of haddocks, to make \$9,339. It has proved that Rockall — which had not been worked regularly by Fleetwood and 200 of cod, 637 are when \$200 of haddocks and 200 of cod, 30 of plaice, over more than £40 a kit. Bridlington fishermen are still objecting to increased rents for harbour creased rents for harbour warehouse units although others have agreed to pay

which sold for £9,995.

There were some other cood grossings from the Rock", notably that of the Rock", notably that of the Rock", notably that of the Rock is and throughout the rock is all the notation of the Rock is and throughout the rock is all the notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were court. The notation of the representing the tenents, asid the units were representing the tenents, asid the units were was always friends. The notation of the representing the tenents, asid the units were representing the tenents, asid the units were was always friends. The notation of the units were representing the tenents, asid the units were work and response to the units were representing the tenents, asid the units were representing the tenents, asid the units were work and response to the units were representing the tenents, asid the units were court. The notation of the units were represented the units were represented the units were court. The notation of the units were represented the units were represented the units were representing the tenents, asid the units were represented the units were re

fishermen suggesting a loss !"

# STEAM PUISET TUTTED OWNOY MODEL ORL 2006 Andra v A MODEL of the Palefield eteem drifter M. H. Buchia, commissioned by the former Poisrheed Public Library and Arbuthnet Museum Co. Brighton (lett), vialital Petsrhead receptly and discussed the model with ratied Petsrhead fishermen James Petsrhead fishermen James

from her home port of Fraserburgh last week wilh 300 tons of mockerel on board.

There is an antrance did mors to encourage them to use the herhour". He said fraserburgh harbour, but the that it would only have been o mockerel on board.

water with her huge catch. vessel in.
With the slack tides, she Skipper Toit went on to say in position across the harbour would have run aground even that there is a different of entrance and the ship was un-

The hooms had been put in set sail for Peterhood where position hecause of bad tho cetch was discharged our weather, but by Friday mar-aing the sea had calmed down and it would have heen asfe to

ot high woter.



TOP European manage-

With fish landings eioce by the Irleh Ses Flaherlas tion increased by 50 per cent Board (BlM) for display-ing 'social awareneaa'. board's actions displayed to the 1976 PA-Vision drive and originality."

propean Management The award, a silver trooh Asards, it was noted that the wes being presented to board silous of the board had chairman, Brendon O'Kelly, thing industry with eignifithat social end economic binefits to the country.

The boero and contain an arriving st a lunch in London this week by Lord Carr.

More details in Fishing News soon.

Billingagete, e week or two sarilar than usual. Marchanta

extre competition osused by two firms new to the businese. Terry Howard, noted shellflah eelseman M sx-ameteur England eoccar International, has chang-Hais ellegience. Employed for many years by T. M Might end its successore, Lynn and Gibson Ltd., Tarry

Mick Jenrick, principally known as a jaillad asi Mcducer, has now branched out as a wholesalar with a hand in the manufacture. hand in the merkat and he, too, is in the museel business Another sign of increased competition is the assect for the tources of supply. The market has long been dependent to the supply of the market has long been dependent to the supply of t

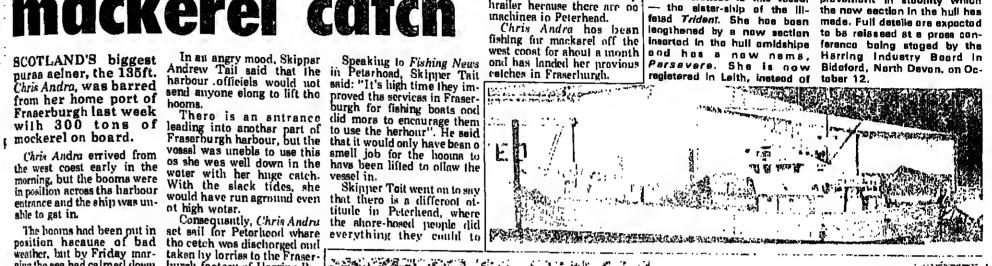
restrictions now epply to the amount that The sent based on the capacity of the cleansing plant. the "Add Sod" to build a rockary, Mike Sterne of Bax have lost noney by landing the catch at Peterheod

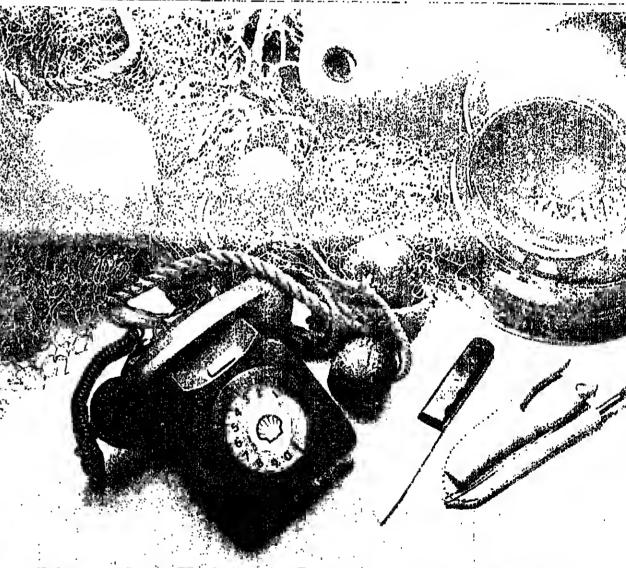
make the vessels welcome.
However, Chris Andra will

Silver Lining --iccause of the extra charge SACK in the weter at Bideford Peterhoad, and is now silest to

for taking the catch by read | Shipperd is the Scottish vessel start a new life. No details have to Fraserhurgh. Also, the Silver Lining below! There are yet been released of the imcetch had to he unloaded by two differences to this vessel provement in stability which hrailer herause there are on the elster-slip of the III- the new section in the hull has machines in Peterhead.

Chris Andra has been lengthened by a new section to be reisseed at a prose conficient.





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lubricants problems down to size The Shell Marine Service is second to none

# "FLOATING alums that are mostly as safe as a barrel nothed for continuously li- statement such as "your boat takes some heating for over

with a good bung — and about as uncomfortabls to be on", is how "inventor" R. D. Leakey describes Scottish fishing vessela. 'We are such inefficient fishermen, end ao are the foreigners', he told a Scottlah newspaper while exhibition last month. Skippers were so incensed they demanded an immediate apology. Mr. Leakey's why we professional vessel. 'The sections or fishing methods and ideas are contained in a why we professional vessel. The satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the section."

The soctions of the continuously is statement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes some nessing to the satement such as "your boat takes on the satement su

AIMED at the amoteur tishing no doubt finds a nnd port-timer the reody market. From a hooklet Modern Inshore professional polat of view, it can only be described as enter-

modern fishing methods and ideas are contained in a why no professional vessel. The sections on fishing booklet he has published himself. Here, an inshore disherenting gives his verdict on the booklet.

why no professional vessel. The sections on fishing uses this gear — not es the boat designs and economics of outhor would have you inshore fishing ore just the

REEVE ARINE line introduction gives being several interesting facts on the fiehing industry — lending figures, fish coosumption at a real November 1881.

string of Lsakey parlour creels, I found them badly onads, proot to all sorts of domage, very poor catching raps, and they took twice as long to work as conventional the Solent with modern ruthroof metericle!

After rending this statement one hegins to wooder how much practical knowledge the outhor has All species of flatfish often swim the supper levels and Solent tidos in excass of 4 knots would make this idee ridiculous.

The author's trough fishing of Lsakey parlour creels, I found them badly onads, proot to all sorts of domage, very poor catching to me with a 38ft, cat but they, too, have problems which are to mentioned by the author. A well-designed catamaran with enough draft to provide a long to work as conventional graps, and they took twice as long to work as conventional they conditioned in the submortance of the submortance o

described as enter-use around the country with He condemns naval The introduction gives the author's main theme architects for designing such being speed of working the fine craft as Scottish aft Sutcliffe House, Settle He states that a trap should having "tea trawlers as tion, etc. — and Mr. Leokey wind", but es svery lobsterconcludes with a rather way beauty and bea

wind, but es avery lobsterman knows, a heavy and slable pot is the most effective catcher.

Having worked, as an experiment 1 hasten to add, a string of Laakey parlour creels, I found tham badly onads, proof to all sorts of domage, very poor catching with enough draft to provide with a mage, very poor catching of the country of the co

and a lot of enterteinmen

1974, and was recently

the professionel! Modern Inshore Fishing parts was first publish

# THIS WEEK sew the atert of the frash mussel season in

mparature sufficiently to spoil these vary parishebia Perheps one of the resecons for the rush to get started is

moved to A. W. Butler Ltd, where he is managing a an shelllsh department.

init on Irish mussela, with relatively amail arrivals from light end Scottleh suppliers.

There have been troubles in the past with the Irish and Irish and

to build a rockary, Mike Sterne stones, and black stones, black black black stones, black black black stones, black blac hay blogge but vary much heavier than a mussell

titule in Peterhead, where

lubricants. They're the rapid contact points set up by the

This specialised department is now taking care of the bunkering and Jubrication requirements of all U.K. domiciled austomers. It's manhed by helpful. experienced staff, long familiar with the needs of both the inshore and the deep see fishing industries.

lubricants Shell supply at most ports throughout the United Kingdom. About the development of

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01-438 2070 for lubricants

The pest faw years heve seen change of such rapid and for-reeching nature that

but perticulorly in Germeny, member statas. the Netherlanda end the This fisheries policy
United Kingdom. Iceland's provided for equal rights of
ection in unileterally axten- access to the waters of all
ding fisheries limits hes EEC countries for fisher men

affected the Germen es well from any Community counes the British industry.

Coming events — parmodified in the Tracty of
ticularly the enticipated extension of limits — cest theme of our current disshedows before them. It is, of cussions.

course, British fiehermen who As e complement to this, rely most on weters which EEC policy made it possible will lie within the 200-mile for Community fishermen will lead to the countries like sell their cotches in any leading and Norway which do mamber etels without pay-Iceland and Norway which do member stete, without pay-not belong to the European ment of duties or levies and

Community.

Some 370,000 tonnea of the tive measurea which could so British cetch cema from such foreign weters in 1973—sitive sector if there were no ahout one-third of the total common policy.

UK catch.

The British fishing in

Germen fishermen were dustry hes taken full edvan-

many must wonder if the industry can ever egein settle to a stable life with reesone ble incomes end a secure future.

British fishermen are not elone in feeling the linguage of chenga. The soaring coets of fuel and the other necessities.

IN THIS paper presented at the dustry in the powerful force in the fieling concern ourselves with a community fisheries policy.

A common system of price support is another key element in the Community fisher end to improve the merketing of fish together.

EEC countries. Such a flow of trade is en integral pert of end in the fieling concern ourselves with a community fisheries policy.

A common system of price support is another key element in the Community fisher end to improve the merketing of fish together.

NHAT PARTNERSHPMEANS IN EEC FISHING

is no perticular reeson to sup-pose that their operations will be permitted to continuo. The Commission believes

beamer fleet sirikes feer into that their industrial fishing waters.

The Council has egreed to

beamer fleet strikes feer late that their industrial fishing many small fishing com-operations should remainly

The Cammunity appranch to Norway — specially from

aubject to the common fisheries policy. The Nine will dacido shortly how it should implement this policy.

Declaration of a 200-mile Community pond immediately resises the question of non-EEC fleets which fish in these waters, end particularly Russisn and Polieh boots which cetch substential quantities of fish in waters which will comprise the Community a 200-mile zone.

These countries heve little to offer our fishermen in

These countries neve it its
to offer our fishermen in
return for fishing rights in
Community waters end there
is no perticular reeson to supnose that their operations will

fish which tha Narwegians in future.
Thus, a cutback in fishing
were to be withdrewn, tha far one member state in third
Norwegians would have to country waters would be
sell an additional 65,000 reflected in a reduction in
other member states ton. A tunnos of fish to gat the same other member stetes ton. A return. These are important five per cent reserve would be factors in agreeing mutual set aside for special purposes. access for Community and

other's waters.

Now far mettors which
concern you most of all: the
methoda by which o conservation policy can be applied
with fishermen. It is said that

cffective way.

The small, rural communities which depend so heavily on fishing — for example in Brittany, south-west England and Scotland — are particularly valuerable to the changes confronting the

particularly villuerable to the changes confronting the tishing industry.

Fishermen in these regions understandably four the incursion of higger vessels which have lost fishing grounds forther afield. They of the Council of Ministers also fear that their stocks will and would have the force of

talked in terms of an exclusive limit, perhaps of 12-munity's system of law would miles, which would he reserved in those veesels which flah ing a totally different basis traditionally in thosa waters from those applied by any and which operate from ports fishery commission.

In tune with our long-term erea. Such e limit would be suggest the Community on the country con-

### Not all

range far out to sea, but it would provide substantiol protection for many fishing

The catch rates would be had a serioud impact on determined by a scientific Britain's distant water committee. They would be set districts and the Commission at a level which would sustain filsh population and rebuild stocks of those epecies which bave dwindled in recent Based in London, years.

We seek to secure the long Agriculture Lisland Of the fighting in distry and to addition that of the European Louis afin the patch rate minst by inactings.

### Norwegian fishormen in each Abused

within the weters of our oven when member member stetce in a fair and governments of NEAFC

also ferr that their stocks will and would have the force of he exploited by foreign national law. Member states vessels and that spawning could be token before the grounds will be damaged.

Court of Justice for falling to It is to protect the interests implement the quotas and of these communities that the European Commission has could be verified at Comtalked in terms of an ex- munity level. The Com-

msneged by the country concerned, which would lay down conservation measures and other rules governing including trawl-free zones, fishing activities. limitations on gear.

Such meesures could only be introduced by the Nine We do not suggest that such working together and would exclusive zones will protect clearly be policad by the ell ac-celled inshore mamber stetes. Wherees policing is at present confined to 12-miles off our coasts, the Community system would ellow for policing fer beyond communities.

After all, ebout 90 per cent tion of breeding grounds outof Britain's mollusc end side present limits. Such crustaceen cetch is taken policing would be in the from within the 12-mile limit hands of the national authori-

from within the 12-mile limit end 88 per cent of the pelogic fish like herring and mackarel.

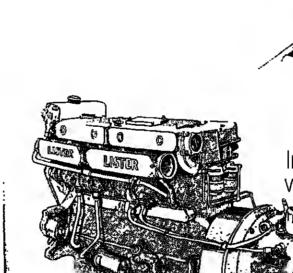
It is in haddock, cod, pleice end whiting that British fishermen depend an hoavily on other woters, taking only 20 per cent of the cntch within the 12-mile band.

Beyond nny axclusive limits, the Commission proposes the introduction of a quota eystem on an EEC beale. Quotas would be called back from an annual countries, combined with the catch rate for each species of tocketing costs of fuel and other necessities, has already had a serioud impact on

countries, combined with the socketting costs of fuel and other necessities, has siready had a serious impact on Britain's distant water.



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entching two-thirds of their tags of this freedom to trade

The Franch pawler owners are firmly against eny major changes in the Common Fisheries Policy. Trawlers like these—seen tik-ing on ice at Boulogne—would be stockted typose of fish off the British coast under present EEC shicking.

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FISH - STARVED

merchants paying up to

\$50 a kit for cod at Grimsby last week ara not joining In the current clamour for

import controls. And even trawler representatives were less

prepared to condemn imports as around 900-

lons of frozen

Norwegian cod and haddock fillets came

Trewlor Officers' Guild

secretary, Dave Hewley, who in two years has seen the

worst-ever slump in active

traction of the local trawling

fleet, aummed up the ratching side's view. He told Fishing News; "To

the heat of my knowledge it has always been the view of

the industry generally that selected controls on imported foreign lish are desiroble. "But we must bear in mind

ashore.

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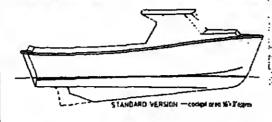
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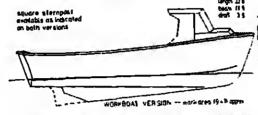
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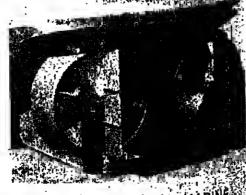
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that It is vitel for us to keep fishing on the distant water the prospect of a difficult grounds end, therefore, we winter shead. Traditionally again no important factor and no fresh fish from Norway and again no important factor and no fresh fish from Ireland, must be prepared to concede the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish. Tony Woods, of R, & J. then as far as the tishing insection of the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the port has relied on the fish again no important factor and the fish again no important factor and the port has relied on the fish again no important factor and the fish again no important factor and the fish again no important factor

more outspoken no they face Here the contraction of the

that these imports are very we must look to other sources expensive and the drop in the if our own vessels cannot pound will limit imports supply our needs." automatically.

"We only buy such fish es we need to ougment the shortage of local landings in the winter months and if we were unable to lany, for example, frozen cod fillets from Norway, it would cansiderably increase the price the housnwife has to pay for her fish," said Mr. Goodhand.

"If you term wet fish landings from Icelandic trawlers es imports, then obviously we should be very seriously affected if restrictions were imposed here."

Mr. Botes went on:
"Grimshy has always had a lot of feelandic carrier vessels in this time of the year and, now the Government has

now the Government has Goodhand.

"On the whole people don't settled the fishing dispute import things they cannot with Iceland, we cannot afsell, although clearly we could do without some of the luxury imports.

"On the whole people don't settled the fishing dispute with Iceland, we cannot afford to lose these foreign landow imports.

Grimsby trawlers laid up.

"A point to be considered is "Fish is a basic food and

"If we stop them completed discharging either of the two ly, then generally the ex-Norwegian vessels, the 767-parters tind other markets ton ex-whaler Peder Huse and, by shortening the overall with something in the region supply, it will lead to all sorts of 300 tons of fish and the of other complications like one-year-old 1157-ton

George Bates, at A. E. 600 tons.
Bates, told Fishing News he did not agree with imput fish mostly packed in lour a controls on any commodity 10 lb, enrious which were inand, as merchants, rurely mediately put into heal cold come into contact with frozen stores.

AS PART of a drive to increase the sale of fish and He added that to abolish chips, Kiltie, the wholesafe division of MacFisheries, inports would past the price is affering a free poster to every type of retail outlet of lish even higher, a point and entering establishment where fish is available, made by Mr. Goodhand, Popus are available from Kiltie Frozen Foods at

made by Mr. Goodhand, Popes are available from Kiltie Frozen Fouls at managing director to Lea Ocean Bonse, Brucknell, Borkshire, RG12 21Z, Komp Lid., who also buys Telephone: Brucknell (0344) 3111, Ext. 206.



FORMER Prima Minister Edward Heath mada a brief execursion into the world of fish handling whan he inspected Aberdaan fish market before going on to lour tha Cetch '76 fisherias exhibition lest month. Mr. Heath (below) bought a box of fish during the morning auction end ha carafully sorutinised the sale lickst after making his purchasa. He did not ravael his processing plans or marketing arrangaments.

We take a look at some of the fish handling products seen at the Abardeen show, sterting on Page 12.



# nterrated than a man in the case of

Imports of fish Into France which came Into force in August.

The regulations, et first thought to be a major stumbling block to British exports, heve not proved too difficult to hendle.

to hendle.

After exemining the regulations in detail, merchents found that no becteriel tests were required on fish, except frigs legs.

"We ere coping quite well", said Mr. Beeken, "although we are still bewildered as to why the regulations ere now necessary.

The only hold up has been de Saturds where local authorities cannot provide authorities cannot provide staff to deal with consignments. This is hoped to be resolved shortly at a meeting being held in Grimshy with the local sounce.

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the present depression is over.
Even more favourably inclined councillors were insistent that the market must pay in way: rent and full income must aquai both the overheads and ordinate.

overheads and capital costs. The argument that, as the

ınsıkat served a region rather

than a city the Government should be approached for help, was rabuffed with vague threats that Government

money brought Government

The marchants, bein

interference.

### FISH HANDLING, processing and marketing

# **Plant** moving nearer mussel source

THE Ayrshira firm Nai Gibaon and Co., which specialises in processing museels, cooklas and museels, cooklas and Another shadow which has crabe, la to mova closar to it a source of supply by building a factory at licimadale.

City Corporation began to development permit meant Not everyons would be the future of their businesses. They found their position a ment. The achemes included had passed, and the co-ball weekly tenants unsatisfactory licimadale.

formed by the Scottish Regulations.

Economic Planning Regulations.

Figure 1961 the public Inevitably, these schemes Department that it could Tain, in the Dornoch

lobs for throa men and 10 woman full time, ar up to 30 women

The firm has bean given a £12,000 loan from the ifighlands and Islands Development Board for processing equipment

project has been on tho go three years now -and thera is nothing to stop the building going ahead. Just as soon aa lt is rendy we will start work."

area where there le high uns mploymant.

Up to now, tha compeny has had to raiy on ninc-ton loads of unsballod musseis baing twice a weak. A factory closer to the mussel bads is obviously more economic, added Mr. Gib-

### TIME IS running out on Billingsgate fish market. After years of talk about redevelopment, London's market still stands firmly beside the River Thames where It has oeen for centuries . . . but this cannot go on much longer.

The market will shortly be holding up a road dayslopment which has been creaping up on it. The last stage of this scheme is about to be compieted and the market'a delivery vehicles and lorry park elready blocks off part of a dual carriageway. The cituation hae only been

allowed to continue because the traffic authorities are thought to be working on the pramise that the market powere ara in the process of planning and rebuilding the

delayed application of the multi-storay buildings with developer was forced to Until this last incredible for planning and investment, Food Hygiene (Market, Stal) elsborate mechanical handle withdraw.

by how much the buildings of

# BILLINGSGATE merger with meat, veg?

porsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion. sd engineering factory in Borsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion. sd engineering factory in Borsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion. sd engineering factory in Borsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion. sd engineering factory in Borsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion. sd engineering factory in Borsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion. sd engineering factory in Borsonnel, fall short of the owners of an adjoining gutted to make room for s ing and after completion.

The corporation, forced Wholesale Fish Marchants' which would be under their back on its own resources. Association, representing the own control. Since 1961, the public Inevitably, these achemes health authorities, local end were overtaken by inflation national, have been disturbed before they left the drawing by how much the buildings of board. Than came the idea of the present lorry park, while revolted. Such a plan was have left warehouses anyty. hurbour at Halmsdala. Billingsgate, lat clone their co-development with the the existing market was clearly unworkable, both dur-

aatiafied that no visble plant likely to rise within the City, decided that they must take

exercise the London so they began to look for sites

thave an area of 2,900 eq. off their demands.

The managed to stave commercial offices on top. vissged timed arrivals of merchants were aware that a Borough of Tower Hamlets. It. and is expected to provide jobs for throa The local authority sees the affected hy the movement of

> Not all of the residents d the area are so happy at the prospect of a fish market as a neighbour, and e petition has been launched against it. The council has now deferred its decision and is exploring with the association, possible aitarnatives.

industry away from central

There is, however, a very good case for Billingsgate going west. To Nine Elms on the other side of the river.

There is room on the site for such davelopment. The new Covent Gardan vegetable markst is undar-occupied and more clienta for the authority and services would

Many cuatomers of both markets are dusi-treder, handling both fish and vegetables. Buyars for caler ing premises of all sizes cou be encouraged to shop on same alte. The market has cold etorage, benking, transport and atall facilities required by both trades and these are cepable of expan-

aion.

The finence of euch a schema in these days of restricted capital expenditure would be an obvious problem, but one factor that should be considered is thet

development.

It is too much to expect thet the various authorities concerned, all with so much to gain, should come together with the Greeter London Council as regional planuis authority to discuss the educational control of vantages and financing of vantages and financing of such a acheme?

Incidentally, they might consider the future of consider the future of smithfield meat market at the same time. It is also find the consistion out and traffic consistion of the con

# GIVE US A CALL WHEN

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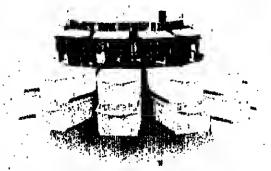
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Demonstration of the result of t V SELLIDE (PER AL CALIDE A. A Obarry's belop a a control at a 7 Mario 10 pt 2 pt 15 pt 1 1 din e Wey И by I дило () 15 и Бирькова 01/953 200 ) 1665 (122805 Feltratowe (East Buffolk Cold Storage Ltd ) -37,000 cul matres Public Avenue Feltratowe Sullink Telepronii 03042-78436 Teles 087514 Grantham-230,000 cul matras P Epatron Grantham Linguistina plephone 0176 5831 Tele: 37315 Grimsby-170,000 cul metres FPR Lady smain Road Grimsby South Humbers do Telephono 0472 55231 Telex 52243 Hull-68,000 cu metree FPR Brighton Street Hull North Humberside Jelephone 0482-29344 ivernese-25,000 cu. metres F sicross Inverness euphans Arderser (0667t) 346 Lowestoft-204,000 cu metres FPF Gorleston Road Lawestoft Suffcts Telephone 0502-62911 Telephone 0502-62911 Where you can find us: Edinburgh (8 V Hull (3 H+2 V) Peterborough (7 V)
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aro saving valuable time ameli box next to the phone. times.

The Cerd cellmaker comea The GPO claims that both with 50 cards in a plastic box. callmakers box callmakers b

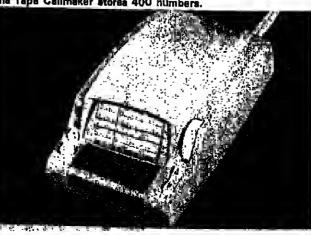
Tapa callmaker, costing £10 a quarter rental and £8 to install. It can store up to 400 numbers in its magnetic tape 'moniory hank'.

lising the finger-tip con-trols, the number required can be found in shout six Onco found all that ia needod is tha press of a hut-ton and tha Tape callmeker automatically makes tha call.

The other version le the Card callmaker and costa s6 a quarter rental. At a fee of 25, it is alightly cheaper than the Tape to install. This davice dials automatically by inser-

which cuts soconds off dialing time.

The Post Office hes two types of Calimaker. One is this Tapa calimaker, costing the Tapa calimaker, costing with 50 cards in a plastic box. calimaker have complete acproblems. It is also thought problems. It is too much to expect the Tapa Calimaker, costing the Tapa Calimaker atores 400 purples.



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FISH HANDLING, processing and marketing

cerrying, etc., end spita,

In fish processing, however,

it is perhans best known for

trays, both mild steel pleatic-

North-cast factories of two

leeding processors, D. A.

Mecree end MocFlaharias, roly

on United Wire trays to carry

millions of fish each week

through their smoking kilns ond

Wire mesh trave in stoinles

stael, or epoxy rasin-cooted

ofid steul, coma solf-stackin or flat to fit oxisting recks

THE printing and box muk-

order book is concerned.

Mr. Christie, the menaging

cuatomere throughout the

everything the wholesele end

retail fish merchent requires in

printing, stationery, packeging

printing: prices quoted ere for pieln or printed in one or two

colours to the oustomers

ning, than ha'll have his boxed

there ere five in existance; in epite of this we have retained

our shere of the merket by in-

troducing the letest machinery

"Until e yeer ago three companias served the erse, now

Selesman, Dave Pratt, ex-

and wrsppings'.

spacificeflons.

freezing depertments.

Henhox's stond. The firm stecking trolleys.

hibiting its standard range of goods."

Gensk Styropock A/S.

customer requiremente.

The owners of Densk

roup of Danish companies

largast manufecturers of ax-

has recently ecquired a majori-

n to its own, et en exhibition.

There is no mejor difference

between the meteriele used in

Abardeen end Denmerk end

the naw moulds from Densk

range is available immediately.

Donbox has just teken over e

new production plent on the West Tulice Industrial Estete,

berdsen, where it menufec-

products before edding the

ustomar identification to ite

now has a renge of hoxes Gordon Cook summed up:

from its purent company, "Wu can supply onthling the Bansk Styropack, available, customer requires in wire

expanded polystyrona field box-

sel of Denish-meds FISH BOXES

This range anobise Donbox ing firm of Charles Siddon

to offer a much wider asfection Ltd., Abardeen, found Catch

of bexas to meet practicelly all '76 'first clees' es for ea its

Styropack A/B, the Styropack director, said e considerable

which cisims to be the world's shown from potential

ty sheraholding in Donbox. This is the first time Donbox hee Dundee to Shetlend with s full shows of the impressive new

tange of Danish boxes, in eddi-cardboard boxes and "virtueli

Styropsck A/B ere deelgned for nigidity and lightness, ellied to itrangth. The new Denish that there is no extra cherge for printing: prices quoted ere for

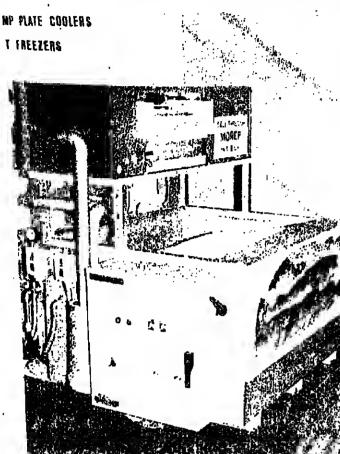
iurs boxes from the raw pleined how the firm'e highmeterial (in auger form) into a range of moulded polyetyrane products have high poxes.

panded polystyrene fieh boxes. United Kingdom.

coetad and stainless steel.

### FISH HANDLING, processing and marketing

this report we look at the line-up of products, many of which tempted visitors to reach for their cheque FRESH AND



Primor's on-hoerd 1200 flake ice machine. It can be used to where the most notable inspace 1.2 inne daily from fresh or selt water and is usually stallation is a dc 2500 model.

Meje-type shore machine with a capacity of 150 kilos daily the intel accept modeling the intel accept model.

Non

Returnable

Fish Box

The Merstone-4

# MANUFACTURERS of fish handling and processing equipment were out in force at the Catch '76 fishing exhibition staged last month. In this report we look at the line-up of

# SEA WATER

FEATURED on the vest to gein e reel UK merket

board end shore-besed in- ebout 1 to 2 cm. sq. stalletions in the UK following

egency heving poineered the usually fitted over e bunker. menufecture of on-board A switch ponel can be fitted ahing vossel queues ot loe fec- the whashouse.

setisfied customers operating driven os required.
mochinee on fishing vessels, At Cetch '76, the 1200 onsfield as Now Zeeland, Kuwelt.

Flake Ice, unlike crushed Ice, turned to Moba at some stage complete systems for si does not congeel into lergo because of the adaptability of proceeding, rether that it lumpe, le easy to use at all ite grading mechines. times and — despite the A good range of machines new scampi machines he

B°C. — hes no sharp edges. peoletly popular when grading of processors looking for The Promec systems era individually quick frozen fillets comprehensive line for stand Morep Ltd. etend was a besad on a ravolving drum of fish. Speads are variable Grading and dahside double display of fleke ice fitted horizontally in a water and some of the larger in- machines will be added 21 making machines by tenk; about two-thirds of the stallations can cope with over later date. Promac Ltd. which is mak- drum is submerged and the 4,000 pieces per hour. remeinder does the freezing as The Type FF70 on show at machine cute the shell of ing a very determined drive it rotates. Drum speed deter- Aberdean was operating at scempl talls lengthweys in mines ice thickness (from 1 to speeds which would enable e edjustable for eny size of fa 3 mm) end en engled breeking processor to handle 3,000 to The acsmpl moulding The firm is chesing both on- bisde slices the ice into fiskes 3,600 places per hour into machine is designed to prove a

The five on-board machines It was designed for opera- scampl talls which are of to a remarkable run of success on heve a range of from 1.2 to 4.B tion by just two persons, one quality. tons delly and are constructed for loading and one for ramov-This Dutch company, pert of of light, non-rueting meterials. Ing the full containers. The loaded into a hopper on the the lerga Ven Voorden group, is They are smell enough to tuck standard motor is 1/8 hp. 360 moulding machine when the working through the Morep away into the fishroom and are voits, three-phase, 50-cycles. mixed with water and a liking

machinos in Hollend during the where required and a ramote MACHINES erly 1970s in en effort to and control unit can also be sited in

Flake ica ansures repid cool-Today, it has cornared the ling of the cetch due to the lorge INTEL ENGINEERS has a truded through nexter to Dutch merket to such an extent surface eras and the Promac world-wide reputation for appears in portions, with right thet it is estimeted 90 per cent rongs of machines being its fish processing end of similar shape and else keri of ell new fishing tonnega built offered are unaffected by sm- mechanical handling equip- damaged shalled ecamplicity there is efficiently the product is freah water machinery. machines cen be supplied to do project menegement for new promes, with well over 150 or so voltage and hydroulicelly processing plent anywhere in

hes its sights firmly set upon the internetional merket and has already made selection of the second model was displayed: it has a capacity of 1.2 tons e day including the dealgn and construction of premises on well as the menufecture and including the dealgn and construction of premises. the Internetional merket and hes a capecity of 1.2 tons e day installetion of mechinery to hes elready made sales es far drivan off an eloctric customer requirements. rafrigerating unit of 5.6 hp.

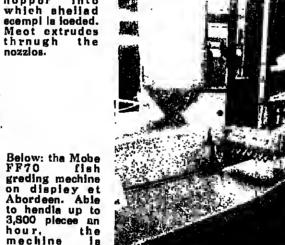
cepable of 2.5 tons dolly, on and directed mainly at the fish machino, which have been processing trede. If produces designed as extensions to the for Donbox of Aberdeens ica, as do the full renge of Maje firm's existing line of ecampi Fishing News at Catch it flaka mechines, ot -7°C to -6°C. processing mechinery. Both mechines creeted con-

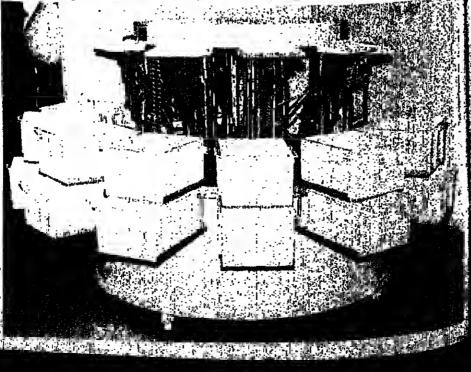
siderable interest and Promac Right: part of Inlel's acempi expects shortly to edd to tha moulding meaning showing the five British on-board instelletions elreedy completed. hoppor which shellad ecempi la loeded.

## FAST FISH GRADING

AFTER supplying processors with flah greding mechinery for nearly ter ysero, Mobe B.V. (UK) Ltd. mede its firet-ever eppearence et e fisheries exhibition when it displeyed the Type FF70 fish greding Below: the Mobe machine at Cetch '76.

The parent company, Mobo greding mechine Apperotenbouw B.V. of oilend, hes installations of its reding machines in 57 coun- 3,800 pieces an tries and the flahing industry hour counts for about 15 per cent mechine of the firm's buelness.





Two new Items of equip-

dividual Items, and the le production temperature of ere available and they are ea- been introduced at the Hear

October 8, 1815

The acampl spilities. eight variable weight grades. a high value product to

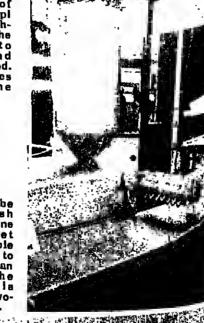
After shelling, the make

Then the product is bee! from the hopper by pnaumeticelly-operated no FOR SCAMPI and is compressed and fed in the manufalmy head it is the compressed and fed in the c

# processing plent enywhere in the world, including the design

to us, whathar it is for L. Also on show was a Promec ment on displey were the Intel baxee or 5,000, and heve built up our reputat on this basia", a spoken

Thie company WHI





Was the post-exhibition comment from Gordon Cook, general mensors of the service without increasing our obergee." Cook, general menager of United Wire Ltd., which is NEW DRUM reputed to be the lergest Wire company in Scotlend. AT SHOW

Headquartere ere in Edin- HARCOSTAR, the 12-year Mant has been set up in Aberden to meet the needs of the company, has sold lerge ocal industry. The company to 45 gallon capedity drums ore 1800, but wee as to ouetomers in ireland end shighed in Abardeen to trade south-west England. and the perent name only 18 The problem for plastic ago, manufacturers is converting

On show at Catch 76 web a dyed in the wool wooden to be work from barral users to soverthe work from barral users to sovert the work of female and relatively new material Title is used overlated and relatively new material Title is used of source of the consideration of the material in the new plants product, so

Worldater lid.

"A distinct ndvontage io that, unlike drop hondisa, tho blown in hand holds cannot be dsmagad or broken during the rough and arduous handling to which they ora ganerally expos-

cheoper to produce thon the provides e direct saving to the

Hercostar sails the robust yat lightweight Mauaar plastic drums in two versions: the opan-top with lever-lock closurs ild, in 80 to 210 litre sizos, or the 210/220 litre closed head bung drume.

allows ensy cleaning.

Abovo: Abargian/Intel stand. The firm offers a comprehensive service to processors. daeigne to ault lobster, creb cording to merketing manager,

firm grip is possible by piscing

the fingers in the hend holds THE 'FREEZING' FISH and the thumbs on top of the



A FEATURE of the Kvaerner Kuida A/S stend at Catch '75 was a Esss of handling is a feeture rether unusual-looking fish with a body formed of refrigerent of the Mauser plactic drums. carrying tubes. It progeosively frosted over es the days peaced. They can be rolled on their due to condensation, and produced an ottractive novelty which United Wire has come to the Making its dabut et Cetch odgae and have quick-relosso draw the attention of violtors to the more serious business of the fore in the proceeding industry '76 was Hercostor's new 60- spring tension locks on the lid refrigoreted see water systems the Norwegien firm produces. eupplying numerous styles of litre (half-borrel) Mausor to cut handling tims and lebour Kvaerner Kulde A/S hee more than 40 years exparionce in RSW beskets for glazing, dipping, polyathylane drum with blown- costs. The smooth shape systems and strongly has complete pionts, comprising con-Sold Mr. Corr; "The hond Geoffray Corr, and representation primp and expansion valve, on 77 vossels including the Scottish donaar, compressor, pilot receivor, selt water cooler, circulation holds are lorgo anough and tative Srysh Peacock, hope to pursors Vigilant (Skippor Alexander Buchan), Pathway (Skipper positioned in such a wey that a extend their market for Her- Alexander J. D. Buchan) and the big Scottish pursor Chris Andru Continued overlesf (Skipper Androw Telt).

# BAADER 160 BAADER 161 BAADER 162 BAADER 166

without throat cut or with throat cut, head on or head off, on the other hand the heading cut in different variations: - with adhering coller bonas of with asparated collar bonas. For all culting methods BAADER has the right quilling machine.

BAADER 159 guts without throat cut. It was designed as a gutting machina only, robust, simple and appropriate.

BAADER 166 and BAADER 162 gut with throat cut in different ranges of fish sizes. Bolh machines are also capabla of haading by means of the round cut, the collar bones remain at the fish. Another type of machine ramovas the head together with the collar bones prior to guilling by one straight cut, that means throat out and heading out in one operation, then the machines are called BAADER 160 and BAADER 161.

BAADER DESIGNS ECONOMICAL MACHINES. BASED ON MORE THAN 50 YEARS OF EXPERIENCE

是是这种的。 第一种,我们就是一种,我们就是一种的人们就是一种的人们就是一种的人们就是一种的人们的人们的人们的人们的人们就是一种的人们的人们的人们的人们的人们们就是一种人们的

NORDISCHER MASCHINENBAU RUD, BAADER Oslfach 1102 D-2400 Lübeck 1 Telax 026 839 Telejon 8 30 21

The Merstona - 4 is a ganarai purpose opan-topped fish box for transporting 4 stona of harring or small fish from the port of londing to other nearkets and processing plants, or to Continental outlets.

it is manufactured from 'Pechydorm', e high quotity polythane coated waterproof solid fibroboard. Size  $26\% \times 14\% \times 5\%$ , (672 x 375 x 150 mm.), the friengulated side flanges and shaped corner posts are designed to give carrying and stacking strongth. The wodge shepe prevents the upper case from slipping into the lower case when stacked.

The Morstona - 4 has successfully provided a meens of tending fish directly onto the quayside end has the odvontage over the conventional returnable lish box, of reducing the costs of losses, repeirs, cleaning and transportation.

## **DRG Merton Packaging**

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Telex 55176, Tel. 01131-1321.

From pags 13

exporters of marineted fish products, which recently ordered more then 6,000 of the 120 litre aize to be shipped direct to its Nova Scotia opara-

### ONE-TRIP FISH KIT

"ONE OF the first and now the lergest supplier in Aberdeen of 1, 1 etone end 2 etone non-returneble cardboard boxes." la how DRG Merton Peckeging wae desorlbed.

A South London-based compeny, it supplies mejor ports. in Aberdeen it sells through two distributors -- A. Leiper (8oxmakers Ltd. end Aberdean Fish Curers & Marchants Aesociation - and offers s quick service with box-printing

Merketing managar, Mika Foden, said at Catch '78 that the firm is very encouraged by FREEZING the growing interest in its

The board, developed by DRG and used in Absrdean FORBES Refrigeretion Ltd. laminsted with polythene on both sides of a specially-treeted gray board core. were taking part in a scottering pa

capacity box — the Marstone These in-depth resources era opan-topped fish box.

daveloped mainly for transporling four etona of harring, or Turrall's work hea baan consmall fish, from the port of Isn- cerned with fish freezing pient. ding to other markets and it can undertake an entire pro-The firm's non-returnable

fish kits were introduced et Ayr of triel ordars have been re-

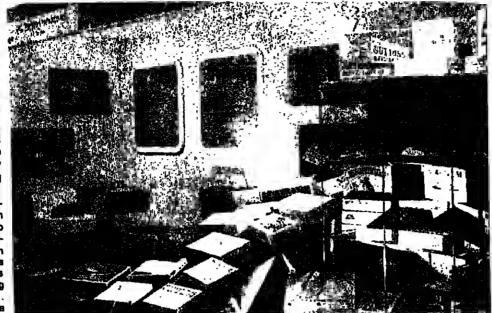
A number of enquiries from guerantee skippers were dealt with during

auested.

Simple to operate — full instructions provided

Now for the first time e ministure version of the automatic "Torry" Smoking Kitnes used by all the major fish processing intersets throughout the world is made available to the individual user. SEND FOR BROCHURE NOW

coster drums in Scotland. The drums have already been triad end praised by Marimpro Ltd., the Devon ourse's, peckers and exporters of marinated fish



since shout 1988, is a wster-founded only two yeers ego, proof soild fibreboard wee taking part in e Scot-

This meterial makes a Tha firm provides a comdurable non-returnable wet lish piete aervice in industriel box which is able to regist refrigeration and is able to offer water, ice, damp or fraezing the design, installation end commissioning of verious types DRG's tatest end larger of rafrigeration plant.

4 - has been designed as a provided by close association non-returnable general purpose with Hawson and Turrell Ltd. of Grimsby, which hea been un-Manufactured from dertaking ratrigaration con-Pagliydarm, this box has been tracts since 1948. Much of Hewson and

ject through to installation and This way, given ra-

and, eince than, a steady lasue quirements cen be mat derwritten by a 12-month

Therefore, any plent the Aberdeen exhibition, designed by Hawson and Skippera era now showing an Turrell Ltd. baing installed by interset in landing direct from Forbes Rairigaretion (under the boet to market using the new direction of Hewson end meteriels, so eliminating some Turrell| has a guaranteed per

Smoke your own

The

Breakthrough

Century!

The Man Yes, can be used for the

COLD SMOKING All white

fish tillins, Finnans, Bloaters, Kippers, Salmer Fillets, Oysters,

HOT SMOKING Suckling. Mackerel, Trout. Spiste.

Smokles, Sauseges, Chickens,

following products:

Turkeys, Eals, Bic.

Above: DHG Marton Pockaging fish boxas. Customers h cluda Suttons, Marr, Lawrance and Rae, Highlander, Magnum, Test Valley Trout and Icaettantic Sasicods. Balow: hendling half-barral Harcostar Mauser-style polyethylena drums. The naw-typo handles are moulded in







il compared with 10,000 in new packaging featuring a incompared with 10,000 in new packaging featuring a includence of transparent beg with o carrier that it is their pack sizes to the products and the needs of this growing suggested prices are: cod later each of the packaging it is code in the needs of this growing suggested prices are: cod later each packaging it is consumer. The product of the packaging it is at 21,22, had become packaging trends towards dock fillets at 21,32, pleice and packaging to lower unit fillets at 21,25; and battered later by has launch, cod-fillets at 1,25; and battered

Concerned at the steep many years now by the trade, daily touch with America and hooks prove-

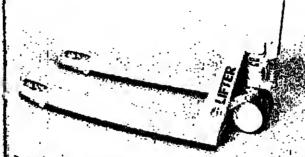
Hundreds of pounds of business is atill developing", fresh sea-caught coho salmon, Richard Micklam explained

ranging in size from 2 to 4 lh. to Fishing News. right up the scale up to "It's important not to over monsters around tha 10 lh. rench and handle the job mark, are regularly - fre- properly from the start, mark, are regularly basis - otherwise it's not worth singing their way across the bothering with.

Even after the journey to swing, and we had to look thingshy many fish have been cought for less than n day by the time they are on the last quality. leg of their trip to consumer,

r wholessle autlets. have the chance to offer high-At hest the Scottiah quality fish to the housewife almon, which Macklam's et prices which compete with still handle, takes just as long their traditional choice. -and sometimes even longer "Not only that, but we've opened up mother channel there is never any cloubt which has given us the oppor-

about the freshness of the rm- tunity to supply the hetter



Relairuo (shove), designed and made in Sweden, le cielmed Made really heavy loads with the minimum of effort end simple-to-operate control for hydraulicelly lifting bids. The menufecturers cleim the Rotetruo needs no Minienance and oan lift loade of up to two-tons clear of the found. A handbrake is fitted and Rolatruo can operate on un-

# Popular' size

THTHE sharp increase in ed e new 2 lb size of its Han-matriship of refrigeratore diffish home freezer fish fillet time 380,000 were sold last products in the range, each in the compared with 10,000 in the products in the range, each in

s very comparable and near-things that are surprising

winging their way across the Atlantic from Seattle In Heathrow already in only eight hours.

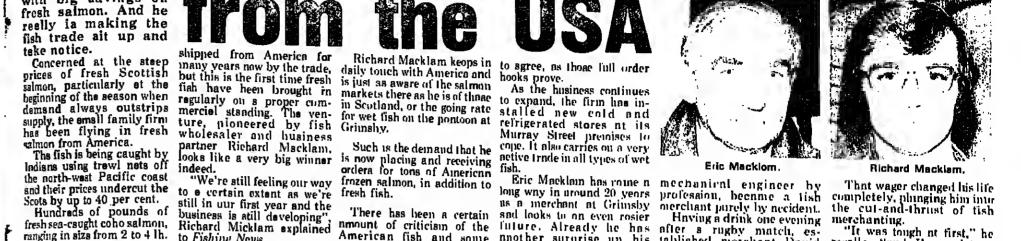
bothering with.

"The price of Scottish lish held very high this year, even after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that for Eric Macklam, a highly that, relivering the profitable might. Yes, it was a frozen qualified electrical and "sale" the following day.

Bothering with.

"The price of Scottish lish believery high this year, even after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that might are after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that might be after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that might be after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that might be after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that might be after the season was in full by impossible to detect from about this enterprising outfit ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that ment Eric Macklam did just new career in the pub that new career in the pub that new career in the pub that ment Eric Macklam did just new career in the pub that new career in the pub

nmount of criticism of the future. Already he has after a rugby match, es-



"It was tough nt first," he American fish and some claims, mainly from Scotland and rival factora, that it falls short of the Scottish product.

But Richard asserts the taste But then there's a lot of the source exponential and the source of the source o

Mrrch to everyone's arouze- sel Eric Macklam off on his



# Distribution is A1 at South Kirkby.

Within four miles of this busy A1 Inter-section is Frigoscandia's South Kirkby Centre-one of Europe's lergest and most sophisticated cold storage, freezing and distribution complexes.

Here at any one time you'd find as much as 40,000 tons of raw material and packaged frozen foods held at pre-specified temperature levels down to -30°C ready for distributing to key population centres throughout the UK, rapidly and economically, via the A1 and motorway

South Kirkby was selected by Frigoscandia as a prime location following a mejor logistics study into road networks, British production and consumption arces. Since opening only five years ago the store lias quadrupled in size and now offers facilities including bonded storage, Inspection, contract packing, bulk break-up, order essembly and detailed refrigerated

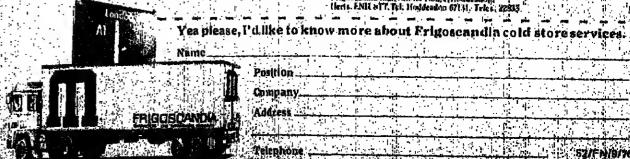
distribution work. A unique package of freezing services is also available to customers for processing products in I.Q.F. or bulk form, Frigoscandia storage end distribution centres like

South Kirkby can now be found within or nearby 20 mejor European cities. Each Frigoscandia centre specialises in service deals on storage, handling, freezing and distribution

which can be tallored precisely to meet a wide range of customers' needs, Post the coupon now for more details of how our services from South Kirkby (or from any of our other

UK cold stores in London, Liverpool, King's Lynn and Bellshill, near Glasgow) can help you.

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THE REPORT OF

October 8, 1976

# new ice-age **ZIEGRA** style

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Inco Ziegra (UK) Ltd.

FISH HANDLING, processing and marketing Welcome to the BIRDS EYE CHIEF PREDICTS:

Frozen foods boom in the regions

This was predicted on Monday by the cheirman of Birds Eye Foods Ltd., Kenneth Webb, at a seminar In London.

Setting the tone of the Setting the tone of the CENTRE

CENTRE

This was predicted on Monday by the cheirman of Setting the tone of the Setting the tone of the Setting the tone of the CENTRE

This was predicted on Mr. Webb said: "We know to Counting and other that there ere fewer home freezer centres in the far north and in the West Country. We know, too, that the level of home freezer and refrigerator ownership is less in the sereas than in the main centres of population as the available for consumer apending of this kind in the Kernath Webb.

Kernath Webb.

Kernath Webb.

Counting and other commitments of those who live in London and the Home Counties are diaproportionately higher.

"I believe that the public counting and other commitments of those who live in London and the Home Counties are diaproportionately higher.

"I believe that the public commitments of those who live in London and the Home Counties are diaproportionately higher.

"I believe that the public considerable exertionately higher.

"In novation in Itself, ourselves in this industry in the consumer apending of this kind in the regions in the next two decades, if only because the mortgage, motoring and other commitments of those who live in London and the Home Counties are diaproportionately higher.

"I believe that the public considerable exertionately higher.

"In novalion in Itself, ourselves in this industry in regions and not from become the consumer apending of this kind in the regions in the next two decades, if only because the mortgage, motoring and other commitments of those who live in London and the Home Counties are diaproportionately higher.

"I believe that the public considerable exertionately higher.

"In novalion in Itself, ourselves in this industry in regions and not from because the mortgage, motoring and other commitments of those who live in the public considerable exertion and the consumer apending the regions i

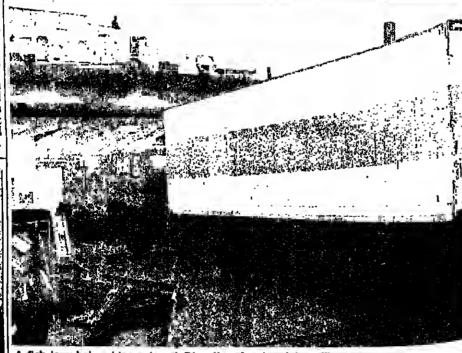
Work begen on the £1 million project last year and the first phase of develop-ment — a fish freezing factory — was operational

within eix months. The cold store, like the fish plant, has been designed and built under Frigoscandia's nwn project management teem. It can hold around

SCOTLAND, along seminar, entitled Frozen Counties. So we can anwith the north and Foods: Are We Ready for ticipate growth in these areas. West regions, could Tomorrow? Mr. Webb "In the 'provinces' they lead a 50 per cent growth in demand for ing place in retail trading in could be more money frozen foods by 1980.

main centres of population Ara we ready for tomorrow in ragions and not from land in London and the Home the regions? Are we ready for don."

# TV PERSONALITY Fyfe Robertson has officially opened Frigoecandia's new cold atorage, freezing and distribution centre at Bellshill,



A fish lorry being driven aboard Olou Kept for the night selling.

THERE IS a wide choice. of shipping lines to use when transporting fish to the Continant by lorry. One lioe which is growing in popularity is the Olou ina which runs a twicadally service from Shearness, Keot, to lushing, Holland.

Much of the fish going by this route is mackerel from this route is mackerel from the Wost Country. Lorries travel up by day to Sheerness, much of this journey being on motorways. The night sailing leaves at 10 o'clock and, early the next morning, the lorry is on the roeds of Holland.

Shrimp (

Flushing has good motorway connections to most Dutch centres and meny of the lorries can turn round and come back the same day.

come back the same day.

In addition to mackerel, shrimps and prawns are shipped this way.

Refrigerated forries plug the cooling machinery into the ship's electrical supply and drivers are given free accommodation and meals.

and drivers are given free accommodation and meals.
The traffic Is not all one
way Cod from Polend comes
into the country by this route
and the contiouing increase
in trade is leading the
operators to consider an increase in pressings.



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COSALT LIMITED FISH DOCK OF THE PHONE SALES

# New small diesel for THE FIRST boat in Britain to be fitted with a Sabb F diesel is Fulmar, based on a Halmatic 36ft. Mk.2 GRP hull.

James McCaughay's hostyard, Wick, for Alan Jackson and Ian Cox who will use her for stern trawling and potting from Gairloch, in Rose-shire.

The Sabb F diesel incor-

porates the unique Sabh clutch and reduction unit which drives a hydraulically operated controllable pitch propeller (Sabb's HVP system). Sabb Motor A.S. has bean

producing the HVP system four cylinder 88 hp—and six cylinder 100 hp—engines at its works near Bergen, Norway, for several years.
Thoy are based on Ford 2710 engines which have bean marinised with success by several companies in the UK HVP stands for hydraulic varinbia pitch. It is because it

from all other marine ver- sngina. sions of Ford 2710 engines.

intended for heavy duty.

The F6.380 HVP angina pitch and ability to combine fitted in Fulmar has a continuous DN B rating of 100 revolutions in calm conhp at 2200 rpm. It drives a 32 ditions to be imexpectedly in diameter, three-blade useful feotures of the angine propeller through a 3:1 reduc- Two more Sabh F engines don gear and gives the bost a are now on order for installation gear and gives the bost a are blue on little to the blue cuising speed of 84 knots at tion in fishing boats in the 16% rpm. It weights a little UK and 1 gather that they over 1500 lb. and consumes may be built here under A gallons of fuel oil an hour. licence before lung. The smaller Sabb F4.254

HVP hee a continuous DIN B likely to be huilt by rating of 68 hp at 2200 rpm. Emsworth Marina Enginear-Like the six cylinder modal, ing Ltd. at its works in its cylinder bore is 4.22 in., Thorney Road, Emsworth, stroke 4.52 in, and compres- Hampshire, as the franchise sion ratio 16.1. Its cubic espacity is 4.15 was transferred to this firm in

litres (254 cu.in.) es compared to the bigger engine's E.M.E. is a subsidiary of A. 6.22 litres (380 cu.in.) It R. Savage Ltd. and is now weighs a little over 1,200 lb. and consumes 3.07 gallons an country for the range of 10 hour. Sebb F units are direct inproduced by Sabb Motor A/S

ection engines with pressure at Damsgard, near Bergen.
led lubrication systems and It will employ engineers owman oil coolers. They trained at the works in have closed cooling systems Damsgard, carry large stocks with impeller-type circulating of spares and be capable of end sea weter pumps, and are carrying out repair and svailable with 2:1, 3:1 and 4:1 maintenanca work of all

reduction gears.

Hydraulic pumps can be driven from take-offs to power deck machinery like the North Sea winch and pot hauler in Fulmar.

The owners of Fulmar have so much faith in their new engine that thay took her in a similar to pay regular visits to fishing the state of t

to see that they took her pay regular visits to fishing found the north of Scotland to ports to ensure that efficient Gasiloch in the second s Gailoth immediately aftar servicing facilities are mein-

36ft. Fulmer is the first boat in the UK to be fitted with Sabb's new F diagel engine. Based on a Helmetic GRP huil, she was completed at the James McCeughey bostyard at Wick,

If that is the case, they are

for Sabb diesels in the UK



John Burgess' Log

## HARD CHINE HULL?

possible to buy a his requirements.

simulated clinker-built Another render now wonts GRP hull strong anough for working off a pebble boach.

a tion, which nearly matched the requirements.

Another render now wonts to know whether there is a moulder of deap-keeled, hard chine GRP hulls between 188 and 18 feet and 18

At the time I did not know completion as trawlers, I anyone who manded such Should there he any, I Canyone who manded such

IN MY Log of August 20 o type of hall in regular produc-roeder asked If it was tion, which nearly mutched

and hi ft. long suitable far

hull. I have now received should be grateful for details and photogrophs of a specifications to send to him.





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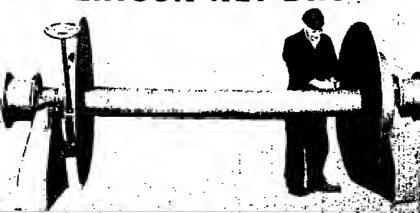
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Oalivery to all parts Scotlend, England and Iraland.

ell sawn through and through to any thickness.

Edge grain Oregon Pine Oecking in long lengths.

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SHALOMAR. NIMROD III. ASPIRE. TYLEANA, HOPECREST, SUPREME, NAOMH, OILIBHAER, IMMANUEL, AMETHYST FRUITFUL HARVEST II, DERONA, ROWANTREE, MARGRETHE BOJENS, OCEAN CHALLENOE, FRAGRANT ROSE, COURIER, SAMUEL BAXTER, GOLOEN EMBLEM. LILY OAK IV. RIVAL, OEOROE WETHERILL, SCORTON, FRAGRANT CLOUO, EMILY FRANCIS, SIOBHANNA, VENTUROUS, SUCCESS, OELIGHTFUL, HARVEST GOLD, MELOARNIE, FRORICK II. LEANOER ATHENA, OEFIANT.

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(Fleetwood) LTD DOCK STREET, FLEETWOOD FLAL GERALD PEARN LIMITED LOOE PL13 1PM

SUPERIOR CUSTOM BUILT SMALL M.F.V.

October 8, 1978

shrimps, brown, £1; pink, £1; English cockles, £1.25/£1.40, pg

Frozen fish
PACIFIC NA salmen,
£1.20/£1.85; Canadisn halibut,
90p/95p; scampl, £1/£2.60;
sneppers, 26p; hun saam, 43p,
dscs, 38p; grey mullott, 40p; buhouni, 63p; wong fer, 43p, per lo
fillets, plaice £7.56; cod, £6.50;
squid, £4.20/£6; kippers,
£2.40/£4 per stone.

RETAIL PRICES

AVERAGE national retail price

on Tusaday, October & a supplied by the National Federation of Fishmongers, are: wifillets, 79p, up 1p; hadder fillets, 77p, down 1p; coley files, 4tp, up 1p; plaics fillets, 8ip, snicked cod fillets, 84p, up 4p; mackers 200, up 2p; snicked

mackersl, 30p, up 2p; spist, 26p, up 1p; harring, 37p, up 2p;

Stornoway: two trawlers, it tonnes; homemarkst, eight tonnes at £6/£11, moil, six tonnes at £4.80. Mixed in size, spenit 440/460 par 50kg. Ultopool, (w) pursers, 70 tonnes, two trawlers ix tonnes; homemarket, in tonnes of £9.80/£11. Mixed in size, spenits, 350/390 per 50kg.

sizo, spents, 350/390 per 50kt Molloig: two trawlers, 26 tones.

two purasts 74 toonel

homsmerkel, 100 tonnes 27.00/215. Mixed in size, most

spents, 295/340 per 50kg. Av. seven trawlers, 18 lennes; homemarket, 18 tonnes at £12/£40.00. Hand selected.

170/280 end 360/400 per 50kg

WEDNESDAY, OCTOBER 6

£2.40/£4, per stone.

best smsli codling, £15/£16; c7/£8; msdium plaics, £10/£12; msdium codling, £15/£18; lorgs dngfish, £6.50/£7; per box. cmb, codling, £19, per 7s1. k1t. monkfish, £15; small plaice, £1.60 per lb.

BILLINGSGATE

### TOP LANDINGS LAST WEEK

### **GRIMSBY**

### Distant water

239,023: Boston Keatrel, Boston (Sk. P. Fenty), 1,323k, I, 22 days. £32,820: Alderahot, Consol (Sk. A. Call), 1,170k, I, 21 days.
£30,515: Crystal Palace, Consol (Sk.
J. Hodson), 1,098k, WS, 24 days.
£25,147: Prince Philip, Boston (Sk.
E. Grant), 843k, I, 17 daya.
£24,907: Gillingham, Consol (Sk. W.
G. Hardie Snr.), 914k, WS, 23 daya.

£23,398: Osako, Taylor (Sk. P. Newby), 691k, F/W, 15 days. £18,086: Hondo, Taylor (Sk. S. Johnson), 598k, F/W, 15 days. £18,008: Ross Jackal, BUT (Sk. J. McCarthy), 937k, W, 16 daya.

McCarthy), 937k, W, 16 daya.

E17,533: Yesao, Taylor (Sk. P. E3,440: Kronborg, Boaton (Sk. C. Thiim), 188k, 16 days. Brown), 632k, F/Bank, 17 days. g16,658; Erimo, Taylor (Sk. M. FLEETWOOD, Iceland Lightfoot), 518k, F/W, 16 dnys. g39,453; Fyldea.

£8,633: Lemberg, Lindsey (Sk. H. Reader), 1,272k, 21 days. Pexman), 298k, NS, 14 days. £30,637: Robert Hewett, £7,537: Loveden, Lindsey (Sk. G. (Sk. D. McCloughin), 1,1 Ireland), 239k, NS, 14 days.

## £7,674: Limanda, Richardson (Sk.

H. Thomsen), 280k, NS, 14 days. Host), 277k, NS, 19 days. £5,367: Ulbek, Richardson (Sk. C. Thomsen), 178k, NS, 16 days. £5,221: Homeward, Sleight (Sk. G. Toddi, 205k, NS, 16 days. £4,911: Kesteven, Sleight (Sk. Jorgen Oleaen), 159k, NS, 15 days.

Bojen (Sk. J. Richardson), 661k, Reader), 240k. both John R., NS, 13 days. £9,291: Searcher (Sk. B. Nejrup), days.
313k, and £7,852: East Bank (Sk. J. £2,378: Ann, Hewett (Sk. T. Kirk), Lee), 271k, both Sleight, NS, 11 88k.

daya. £8,890: Glenda (Sk. F. Winteln), Sveinason), 88k. 230k, and £6,333: Paul Antony (Sk. J. Zeebroek, sen.), 210k, both Richardson, NS, 12 days. £6,502: Taornborg, Sleight (Sk. T. Scorer), 273k, and £6,553: days.

Kothleen, Richardson (Sk. D. £21,679: Clarkwood, Wood Group
Butterfield), 264k, both NS, 11 (Sk. S. Thomson), 1,224k, F, 16

**HUMBER VESSELS DUE** 

29.994: Ella Hewett, Hewett (Sk. J. Buckley), 691k, 13 days. £9,593: London Town, Hewett (Sk. £6,295: Edlei, Sleight (Sk. L. Gravesen), 399k, NS, 7 days.
£6,086: Gladnes, Allard Hewson (Sk. J. Olcsen), 291k, NS, 14 days.
£5,370: Reef Hank, Sleight (Sk. P. Pickees). 383k, 14 days. Pickees). 383k, 14 days. 28,115: Mount Melleray, Wyre (Sk. B. Andrews), 523k, 14 days. £5,949: Replenish, Ward (Sk. M. Oldman), 315k, 15 days. £5,267: Wyre Conqueror, Wyre (Sk. R. Farrer), 418k, 12 days.

### Noar watsi

£4,497: Rosamonda, Ward, 228k, 12 £22,039: Morgrethe Bojen (Sk. Jens days. Bojen), 770k, and £18,940: Frances £3,201: Susan Bird, Bird (Sk. D. £2,725: Deevale, Ward, 68k, 15

£2,247: Karen, Hewett (Sk. E.

£36,600: Grampian Monarch, North Star (Sk. R. Catto), 1,695k, I, 16

## £16,915: Mount Everest, BUT (Sk S. Tait), 656k, F, 14 days. £13,418: Milwood, Wood Group (Sk. T. Taylor), 1,143k, NS, 8 days. ON TUESDAY 228 tons were delivered. Average selling prices on merchants stalls: soles, tongues, 40p/60p; slips, tongues,

### 13,418: Milwood, Wood Group (Sk. delivared. Avsrage selling prices on msrchants stalls: solss, 1210,890: Admiral Jellicoe, North Star (Sk. J. Bowie), 523k, S, 15 days.

### 15,082: Hammond Innes. £10,259: Ross Mallard, BUT (Sk. J. Newington (Sk. W. Brettell), 2,708k, BI, 23 daya.

### 245,291: Ross Trafalgar, BUT (Sk. E. M. Ward), 1,587k, 1, 24 days.

### 15,082: Hammond Innes. £10,259: Ross Mallard, BUT (Sk. J. Barclay), 681k, O, 13 days.

### 245,291: Ross Trafalgar, BUT (Sk. E. M. Ward), 1,587k, 1, 24 days.

### 15,085: Suffolk Challenger, Hob-Boom, 1,418k, I, 24 days.

### 250,665: Arctic Cavalier, Boyd (Sk. P. Garner), 1,275k, WS, 22 daya.

### 250,865: Arctic Cavalier, Boyd (Sk. P. Garner), 1,275k, WS, 22 daya.

### 250,865: Arctic Cavalier, Boyd (Sk. P. Garner), 1,275k, WS, 22 days.

### 250,886: Guldborg, Boston (Sk. M. Johnson), 570k, WS, 21 days.

### 29,388: Guldborg, Boston (Sk. M. Kristiansen), 493k, 14 daya.

### 26,306: Sonderborg, Boston (Sk. M. Jensen), 293k, 18 days.

### 26,306: Sonderborg, Boston (Sk. M. Dam), 183k, 15 days.

### 26,306: Sonderborg, Boston (Sk. V. Dam), 183k, 15 days.

### 26,346: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

### 26,406: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

### 26,346: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

### 26,046: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

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### 26,046: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

### 26,046: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

### 26,066: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

### 26,066: Rosenborg, Boston (Sk. C. Thim), 188k, 16 days.

###

M. FLEETWGOD, Iceland

£39,453: Fyldea, Marr (Sk. A. Barkworth), 1,570k, 21 days.
£37,171: Luneda, Marr (Sk. W. Reader), 1,272k, 21 days.
£30,637: Robert Hewett, Hewett (Sk. D. MicCloughin), 1,124k, 19 days.

£39,994: Elia Hemett United Rippers, £4. per slone.

NORTH SHIELDS

£17,264: Ben Chourn, Irvin (Sk. K. Jameson), 38,998kl, F, 18 days.
£17,264: Ben Chourn, Irvin (Sk. K. Jameson), 38,998kl, F, 18 days.
£21,30/£1.50; crsbs, over 3lb, 30p/35p; under 3lb, 15p/20p; best buys in most srees.

NORTH SHIELDS

£17,264: Ben Chourn, Irvin (Sk. K. Jameson), 38,998kl, F, 18 days.
£1,30/£1.50; crsbs, over 3lb, 30p/35p; under 3lb, 15p/20p; best buys in most srees.

PERRING REPORT

HERRING REPORT

HERRING REPORT

E4,139: Scarlet Cord III, Irvin (Sk. G. Buchanan), 11,880kl, NS, 4 WEDNESDAY, SEPTEMBER days.
E3,900: Scarlet Line, AF (Sk. J. Buchanan), 10,400kl, NS, 4 days.
E3,300: Adelphi, AF (Sk. P. Murray), 9,800kl, NS, 4 days.

Murray), 9,800kl, NS, 4 days. E3,300: Adetphi, AF (Sk. P. 170/290 end 360/380 per Sokg. Murray), 9,800kl, NS, 4 days.

C3,236: Fisher Rose, Irvin (Sk. A. Clarkl, 9,240kl, NS, 3 days.
E3,000: Sharon Vale, AF (Sk. D. Moody), 9,500kl, NS, 4 days.

Moody), 9,500kl, NS, 4 days.
E2,000: Bonaventure, AF (Sk. T. Bsin), 11,335kl, NS, 2 days.

### MILFORD HAVEN

MILFORD HAVEN

£8,079: Brenda Wilson, Jones (Sk. R. Evans), 181k, IS, 13 days.
£5,260: Picton Seolion, Norrard (Sk. T. Salter), 166k, IS, 14 days.
£5,106: Rosevear, Norrard (Sk. A. Simpson), 192k, IS, 13 days.
£4.487: Georging Wilson Lones (Sl. Tewlers, 26 tonnes; homemerket, 20 tonnes at £7.20,280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.20,280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.20,280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £9.50/£37.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £9.50/£37.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £9.50/£37.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £9.50/£37.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.80/£38.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.80/£38.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.80/£38.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.80/£38.20. Mostly smells, hand selected, 170/280 and 350/400 per 50kg. Torberl: 12 trawlers, 26 tonnes; homemerket, 20 tonnes at £7.80/£38.20. Mostly smells, hand selected, 170/£38.20. Mostly smells, hand selected, 170/£38. psr 50kg. Whitehoven: nins trawlers, 184 tonnes; homemarket, 164 tonnes et £14, mixed end mazy, 270/200 per 50kg.

FRIDAY, OCTOBER 1
Ayr: sight trawlers, 45 tonnes at £4.60. Mixed in size, some shota, mazy, 170/400 per 50kg. Torbert: eight trewlers, 14 tonnes at £10.20/£35.80. Hand

WEDNESDAY, OCTOBER 6
Slornoway: two trawlers, 12 tonnes; homemarkst, eight tonnes at £4.60. Mixed spants, 320/500 per 50kg. Homemarkst, 18 tonnes; homemarkst, 18 tonnes; homemarkst, 20 tonnes; homemarket, 320/500 per 50kg. £4,487: Georgina Wilson, Jones (Sk. T. Smith), 134k, IS, 12 days.
£4,391: Picton Sea Eagle, Norrard (Sk. R. Foster), 197k, IS, 13 days. £3,134: Westerdale, Links (Sk. F. Reynolds), 93k, IS, 13 days. £1,760: Jadestar Gypsy, Jones (Sk. J. Brodiel, 51k, 1S, 7 days.

KEY: I laaland; F Faros Islands; W Westerlies; SI Sear Island; NS North Sea; WS White Sea; NC Norway Coast; HW Home Welers; IS Irish Sea; S Shetland; Sk. Skipper; k kils; c awt.; ki

# **Partnership**

THURSDAY, SEPTEMBER 30

Avr. seven trowisrs, 20 tonnss;

# DoT told survey

msny Scottish east
There are quotas and limits, that over the years experienced in the surveys.

the control of the control of

tion, soid that some ekippers ahost dinshore boats.

had already complied but He soid safety rails and considered the fee is excessive guord wires are intended for and ridiculous.

surveyor in chorge of fishing Ed Smith, president of Arvessels, answered fishermen's
reflections on as fetty rails bouth Fishermen's Associe- questions on eafety rails

many while vessels are under distance vessels, skippers into one while the could spily for scomption have soft in the reils should be soft in could spily for scomption have never the reils of the reils was discussed and it could spily for scomption have never the reils of the r vessels proceeding a fairly

all sick and feel we are being Mr. Osborne, secretary of aken war by too many the Firth of Forth

**`Tristar** 

THE Japonese factory Andrew Bell, managing ship which was to have director of Curnow Shipping moured in the River Fal, Ltd., of Porthleren, which is

remained unswayed by the publicity surrounding the £4 milion plan to export fruzon makerel to West Africe and Fruro -Liberal -MP. David his decided to defer the Penhsligon. muter for a year.

These has been no dehate "The council on the issue, shich 'rubber-sis mped' the The factory ship, the 496ft.

an Muru, may still open business on November 1.

Curn wall, 10 freeze octing os ngents, said he mackerel may be sent to hoped to start a fresh round another south-west port. of negotiations with Carrick l'arrick Council has to try to find out procisely

He said: "Mr. Penhaligon postures around the place as a community pulitician. What has he got to say added a job creation scheme under his nose? He has not even ocknowledged my letter to him which was sent several weeks ago."

Mr. Panhaligon's retort: "He didn't ask for support, Mr. Panhaligon's retort:

"He didn't ask for support, intervention, interview, adirelex Internotional, the eximagency, has o chance of lumining the situation when returns from West Africa.

"Mr. Panhaligon's retort:
"He didn't ask for support, intervention, interview, advice or anything else. He just sent me a copy of the council's planning rejection slip and a note saying there was a hone for Cornwall." returns from West Africa. no hope for Cornwall.

# NEW mlalmum net 70, 75 or 80 mm, as ap-

the lize of 40 mm has propriets.

Iteland for Dublin Bay in the Order apply to all nets.

Iteland for Dublin Bay in the Order apply to all nets.

inew minimum eize of 16
is also being introduced interl, sprets, prawns, inter

The nets must have meehes saturing between 40 and 50 in their codende and at their codende and at the mission Region 2, which includes all 1 rish coastal waters and the I rish See.

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# Captain Anderson, of the broath last weekend. Officials from the Department of Trade, epreciated there are many different of Trade, Department of Trade, Proceeding that in Parliament, they found it impossible to ergue againet anything connected with safety regulations without being celled murdsres, killers or assassins. An 80-year-old sketch is being used by a Bridlington bost builder to produce 25ft. Scaffie yawl (sboval, He is John Clarkson listfl who resint their grievences about the surveyor in charge of fishing that in Parliament, they found it impossible to ergue againet anything connected with safety regulations without being celled murdsress, killers or assassins. An 80-year-old sketch is being used by a Bridlington bost builder to produce 25ft. Scaffie yawl (sboval, He is John Clarkson listfl who resint their grievences about the surveyor in charge of fishing that in Parliament, they found it impossible to ergue againet anything connected with safety regulations without being celled murdsress, killers or assassins. An 80-year-old sketch is being that in Parliament, they found it impossible to ergue againet anything connected with safety regulations without being celled murdsress, killers or assassins. An 80-year-old sketch is being that in Parliament, they found it impossible to ergue againet anything connected with safety regulations without being celled murdsress, killers or assassins. An 80-year-old sketch is being that in Parliament, they found it impossible to ergue againet anything connected with

Clarkson lisft] who redeted 1896, of a Scaffle yawl for keel boels and cobies. The introduced boalbuilding to a named Gratituds which once first boet to be completed at Stidlington about three months. Salled from Portknockle, on the the yerd is a 32ft, cobie. Mr. P. ago. His order for the Scaffie Banff coset. "With the absence Tomlinson, of Hull Maritime yswi cems sa s chellenge to of detail we have had to rely on Mussum, seld that the Scaffle 

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October 1, 1976

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Either for sale et 28,500 or post exhall the following hoads: Colvic 28ft. foat see ahning for 30 ft., /36ft. wurk hust/trawier up to 24,000 oc will sell e 22 BMC diesel OMC outdrive 23,600. share to a responsible skipper to week from his own port or ours. Cembrian benthaling Enterprises Lid., 32 Regent lload, Rhyl, North Wales. Telephone Rhyl 54783 Dey, or 53205 evenings.



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165,000. Telephone: Guerniey 64633.

STEEL stern trewler, forward wheelhouse and whalehack 54ft. x 3ft. fin. 24 lons, 4 berth; completed July 1975. Twin sciew 2 130hp Gardners, 3 ton hydraulic which and net drum operated from wheelhouse. Decea Navigator and plotter, Kelvin Hughes sounder, wireless VHF and raday all large insulated fishroom. Offers around \$25,000 plus W.F.A. grant end loan to be trensferred. Telephone Leven, Fife 26291.

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LOCHIN 33 built 1975, Perkins EUCHIN 33 built 1873, Perkins 6364, apprex 400 hours, Neco capaten, Seascribe, tollet, two berths, ifceneed 12 persons, firel cless condition throughout, used part-time anly, telephone Ryrie 84602. anger off the reverse of the control of the control

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20514. TYLEH G.R.P. 31ft. x ioft.6in. x 31t.4in. Volvo 80hp 1700H, 2:1 reduction, redar, PNP Duerr pot hauler, mizzon, power deck wash and hilge sump, 24 will full nevigotion lights, aft wheelhouse, telephone St. Davkis 563.

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21ft. x 7ft.6in. elinker buili fiehling boxi, elm on oak vernished 8jhp Listor diesel, R. West, 9 Reservoir Roed, Whistable, Kent.

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Continued from Page 22

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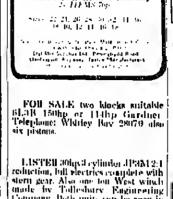
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